

Qua-R.A.E.

THE OFFICIAL JOURNAL
of
THE RADIO ASSOCIATION OF ERIE
February 1985

- * GRANT MEMBERSHIP COMMENTS
- * EMERGENCY AUTO DIAL
- * MEMBERSHIP APPLICATION
- * MAILBOX INFO.
- * WANTED-SELL-SWAP
- * MINUTES OF FEB. MEETING
- * REPEATER MAP FROM C.A.R.S.

FEB 1985

VOICE REPEATERS

CALL	FREQ.	up/down	LOCATION
W3GV	146.820	--600	ERIE, PA.
W3GV	146.610	--600	ERIE, PA.
KC3BI	146.940	--600	ERIE, PA.
WA3USH	146.760	--600	CHERRY, HILL, PA.
W3MIE	145.130	--600	MEADVILLE, PA.
W3NRU	147.030	++600	MEADVILLE, PA.
W3YAK	147.210	++600	MEADVILLE, PA.
AP3P	145.350	--600	SHARON, PA.
W3LIF	147.150	++600	MERCER, PA.
W3ZIC	147.120	++600	FRANKLIN, OIL CITY
KA2GJS	145.290	--600	DUNKIRK, RIPLEY

IF YOU DONT FIND YOUR FAVORITE REPEATER IN THIS LIST, THEN SEND THE INFO TO KA3CJO.

FOR SALE OF TRADE!! COUNT YOUR CHANGE!!!

Looks like everyone is saving thier junk ! Probably waiting to donate it to the R.A.E. If and when the SNOW ever melts!!!

REMEMBER WQIN?? THIS IS THE NON-PROFIT STATION THAT HAS TO OPERATE ON OUT OF POCKET MONEY! YOURS!! SAVE THE KIDS!! JOIN NOW!!! If you haven't done anything for anyone, then you probably never made a mistake in your life!!!

MEETING NOTICE

The next monthly meeting of the R.A.E. will be held on thursday, march 7, 1985 at the red cross chapter house on the north east corner of 6th. and bassafraas st. The directors meeting begins at 7:30 pm. The business meeting will be held promptly at 8:pm. Coffee and doughnuts will be provided at no charge. A Grant meeting report is expected. Plan to attend!

DIRECTORS

KC3AW RON EVERETT CHAIRMAN
KJ3L JIM SPINKS KB3NK JUD ANDREWS
WA3HJC LEE ROBINSON KA3CJO FRED BARNES
KA3CPV JOE PONCHAK KB3P CHET KANIS

OFFICERS

WB3BHY President WA3AWB Vice President
K3TJM Secretary KQ3N Treasurer

APPLICATION FOR MEMBERSHIP IN THE RADIO ASSOCIATION OF ERIE

NAME _____ CALL _____
 STREET _____ CITY _____
 STATE _____ ZIP _____ PHONE _____
 FULL MEMBER \$ 7.00 ASSOCIATE \$ 6.00
 CHECK PAYABLE TO R.A.E. MAIL TO KJ3L
 JIM SPINKS MEMBERSHIP CHAIRMAN
 2561EAST GRANDVIEW BLVD.ERIE,PA. 16510
 PHONE 825-5791
 ARRL subscription No. _____

REPEATER USAGE UP DATE

WHEN YOU WANT CURRENT TIME OF DAY YOU I.D. , THEN STRIKE 39 ON YOUR TOUCH TONE PAD.

WHEN YOU WANT TO TEST YOUR TOUCH TONE PAD , YOU KEY UP - I.D. -THEN YOU STRIKE 5 PLUS ALL BUTTONS ON YOUR PAD . IF YOU HAVE PROBLEMS ,CALL FOR A CONTROL OPERATOR. HE WILL LET YOU KNOW IF YOUR TONES ARE NOT BEING ACCEPTED

AUTO PATCH AND MAIL BOX

THE F.C.C. DOES NOT ALLOW THESE MODES ON A REPEATER IN AUTOMATIC OPERATION. THEREFOR YOU HAVE ONLY TO REQUEST THE FUNCTION YOU WISH TO USE-- THEN LET THE CARRIER DROP-- THIS TAKES FIVE SECONDS AND GIVES THE CONTROL OPERATOR TIME TO MOVE INTO POSITION. HE WILL ADVISE YOU OF ANY PROBLEM OR STAND QUIETLY BY TO ASSIST YOU. IF YOU DON'T HEAR FROM CONTROL- THEN RE_ KEY AND COMPLETE YOUR USER FUNCTION.

ON AUTO PATCH YOU KEY-UP , STRIKE THE STAR PLUS THE PHONE NO. ALL AT THE SAME TIME. UNKEY AND LISTEN FOR READBACK OF THE PHONE NO.. IF THE NO. ISN'T RIGHT STRIKE YOUR # MARK- PHONE WILL HANG UP -- WAIT FOR THE REPEATER TO DROP--THEN TRY AGAIN.

IF YOU ARE UNSURE ABOUT BEING PATCH QUALITY--CALL AND ASK OVER REPEATER SOME ONE WILL LET YOU KNOW.

AUTO-DIAL

YOU HAVE ONLY TO STRIKE * PLUS TWO OR THREE DIGIT NO. OF PERSON YOU WANT TO CALL AND HIS PHONE NO. WILL BE AUTO -DIALED FOR YOU. EVERY ONE WHO WANTS PRIVACY ON THIER HOME PHONE NO. SHOULD HAVE IT PLACED IN AUTO-DIAL!! CALL WA3AWB OR KA3CXO FOR AUTO DIAL SLOT NO.

MAIL BOX AND HOW TO USE IT

LET ME USE KA3CXO AND WA3AWB FOR EXAMPLE: CXO BOX NO. IS 10 WA3AWB BOX NO. IS 21 IF I WANT TO TEST MY BOX I STRIKE 310 . THIS IS FINE FOR DEMONSTRATION - IF I WANT TO LEAVE MESSAGE FOR WA3AWB I DO THE FOLLOWING: 3 IS THE PREFIX FOR THE MAIL BOX! I KEY UP --STRIKE 3 21 102 2222

3 is prefix 21 is bing 10 is me 2 is message no. 2222 sets the message.

NOW I UNKEY AND THE REPEATER WILL READ BACK THE MESSAGE TO ME.

NOW WA3AWB WANTS TO CHECK FOR MESSAGES. HE KEYS UP -STRIKES 3 ON HIS PAD AND THE REPEATER READS BACK THE CALLS OF PERSONS THAT HAVE MESSAGES PENDING. NOW HE STRIKES 3212222 AND THE REPEATER READS BACK ALL MESSAGES WAITING FOR HIM. TO CLEAR HIS MAILBOX HE STRIKES 3 21 2222222222 NOW HIS MAIL BOX IS CLEARED AND READY FOR MORE.

'10 digits'

CANNED MESSAGES FOR THE MAIL BOX.

0 CALL HOME	3 CALL CONTROL OPERATOR	6 CALL ME ON 76
1 CALL ME ASAP	4 CANCEL MEETING	7 CALL ME ON 52
2 CALL ME TONIGHT	5 CALL ME ONE 61	8

REMEMBER - AUTO PATCH, MAIL BOX , AND AUTO DIAL MUST BE REQUESTED!! GOOD HABITS MAKE ERIE AMATEURS LOOK TALL!!!

BREAK BREAK IS GENERALLY ACCEPTED NATIONWIDE AS HAVING EMERGENCY TRAFFIC. BREAK IS URGENT TRAFFIC.

MAIL BOX AND AUTO DIAL IS FOR MEMBERS ONLY!!
AUTO PATCH IS OPEN TO ALL!!!!!!

SOME PEOPLE HAVE BOX NUMBERS DIFFERENT FROM THIER A.D. NO. PLEASE DO NOT ASSUME THAT A PERSONS NO IS THE SAME FOR BOTH. ASK FIRST- IT WILL SAVE ANNOYING SOME ONE NEEDLESSLY.

\$ 5000.00 IS AT STEAK!! GIVE WB3BHY YOUR INPUT ON HOW YOU WOULD LIKE TO SEE IT SPENT.. THIS IS OUR MOST RECENT GRANT JUST RECEIVED AT THE JANUARY MEETING. MANY THANKS TO WB3ESO FOR ALL THE HELP HE HAS BEEN IN ARRANGING THESE GRANTS!! CALL BHY OR SEND A LETTER OR SHOW UP AT THE RED CROSS BUILDING ON THE FOURTH THURSDAY IN FEBRUARY AT SEVEN P.M. . LETS ALL TRY TO MAKE THESE BUCKS THE MOST WISELY SPENT BUCKS WE HAVE SPENT YET. WHAT ABOUT A MOBILE COMM. CENTER? HOW ABOUT A CONTEST STATION?? IS IT TIME TO SECURE PROPERTY FROM LOCAL GOVT.?? MAYBE OUR OWN 200FT. TOWER FOR COUNTY WIDE REPEATER COVER AGE?? CAN WE HELP ANOTHER CLUB?? A QUALITY R.F. BRIDGE?? FREQ. COUNTER??? THE ONLY STIPULATION IS THAT WE SPEND THE MONEY IN THE INTEREST OF FURTHERING AMATEUR RADIO AND ALLOW AMATEUR RADIO TO BECOME MORE SENSITIVE TO AREA COMMUNITY NEEDS WHERE AMATEUR RADIO CAN FILL A NEEDED GAP.

WB3KKT Kevin McKenna is now in charge of public affairs for the R.A.E.. Kevin is in charge of radio communications at public events. Anyone you know of that may be interested in local amateur radio coverage for their events, should contact Kevin and request a form be mailed to them.

HELP!!! HELP!!! An editor is needed for the Qua-R.A.E. by April of "85". Anyone who is interested in this should contact WB3BHY Bob Beck at 833-3261.

The Bob and Phil show will be held at the Red Cross chapter house at 6th and Sassasafrass street on the second Thursday in March. This show is on Hazardous Materials. This should make a fine activity meeting.

The ARES net is being moved to Sunday evenings starting March 3rd. The net will be at 6:00 p.m. on 82.

WB3KGT Tony Zona has moved. Update your directory. The new address is 2485 Dorn Rd. Waterford PA 16441.

Link Policy established by the Board and the Repeater Committee. The link will only be used for reasons listed below in order of priority.

- #1 Emergency Traffic
- #2 Urgent Traffic
- #3 To pass messages from originating points where the value of the message could be lost by using an intermediary service.
- #4 Demonstration- Carefully planned and executed.

Are you stuck with a programmable scanner that will now go below 146 mhz or worse yet, not below 150 mhz? These crystal-free scanners are nice but how do you listen to the Oil City repeater on 145.350.

There has been a formula floating around that would baffle the most clever HAM. Not to worry! The problem has been solved for most of you. Most of the units are operating below the frequency by a factor of the I.F. frequency. Typically, you will find 10.7 mhz, 10.8 mhz, or 10.85 mhz as the I.F. frequency. You will probably find a slight degradation in receive sensitivity, but it will not be noticed by most of you. I chose the Bearcat 211 and 250 models to write the article, but I am sure you will have luck with any other. If the I.F. frequency is 10.85, as in the Bearcat Model 250, then take the fundamental frequency 145.35 and add 10.85 plus 10.85 giving you a frequency of 167.05. Punch in the new frequency and "wallah". Now try the Bearcat model 211 with an I.F. frequency of 10.8 $145.35 + 10.80 = 166.95$ mhz. Now, Wasn't that easy?

If you have been bothered by airplane chatter on 145.35 in the past, by using an old calculation try this new method. It eliminates the constant chatter of pilot to tower communications. Neat eeh!!

MINUTES OF MEMBERSHIP MEETING FEBRUARY 7, 1985

RADIO ASSOCIATION OF ERIE

RED CROSS BUILDING
ERIE, PENNSYLVANIA

Meeting was called to order at 8:02 PM by the President Mr. R. Beck, WB3BHY

One guest was Present: Tom KacPura WB3KOE

The minutes of the JANUARY meeting as Published were corrected and accepted

The Treasure's report was read by Dr. G. Kots K03N and accepted as follows:

CHECKING ACCT:	01/03/85 Beginning Bal \$	519.11
	Deposits	320.76
	Withdrawals	248.85

01/07/85 Ending Bal \$ 591.02

LIFE SAVING ACCT:	01/03/85 Beginning Bal \$	751.73
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Ending Bal \$ 751.73

REGULAR SAVINGS ACCT:	01/03/85 Beginning Bal \$	874.09
	Deposits	5000.00

01/07/85 Ending Bal \$5874.09

COMMITTEE REPORTS:

Ron Everett K03AW, BOARD OF DIRECTORS Chairman reported via 2 meters from his hospital bed:

The revised Articles of Incorporation are on file with the PA Department of State. Also the R.A.E has tax exempt status with the I.R.S., and can except donations, grants and etc., with the donor being able to use the donation for a tax deduction.

ARRL/VEC-by W3NR: Reported that 16 out of 18 applicants took the the Febuary examinations. The next exams will be given on March 2 and there will be a limited number of walk-ins allowed. He also reported that the Novice exams may go under the VEC Program.

REPEATER-by K3CX0: Reported on the repeater coordination Program, the improvement to 01/61 and that the committee is looking for good Permanent site for it. He also reported that he has received some gear donated by K3ABG.

EDUCATION-by WB3BHY: reported that there is one Novice Class to go and he also thanked W3TPW for taking over the General Class.

INSURANCE-by K3CX0: Nothing new to report.

GRANT MEMBERSHIP MEETINGS-by WB3BHY: Reported that only about 10 people turned out for the first meeting, and invites all members to

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Comments from the Grant membership meeting held at 7.00 pm at Pano's Rest ant on jan. 24, 1985 . There were 8 members in attendance. The following a guide line to decide the order of priority and distribution of the monies.

- 1 A presentation will be made at the april meeting of the R.A.E. ..
- 2 A majority vote of the membership in attendance at the fourth thursday in march grant meeting will put the items on the priority list for consideration.
- # 3 A 2/3 majority vote of the membership in attendance at a grant meeting will be needed to purchase any items.
- # 4 Two meetings will be held in feb. and mar. to allow sufficient time for discussion.

THESE ARE THE SUGESTIONS RECEIVED TO DATE BY PHONE, CARD AND EYEBALL.

\$ 1200.00 to put 61 on great site with 360 degree operation.

Used Cushman monitor -- uhf resonator amplifier for control receiver--uhf receiver strip from a commercial unit.-- 3to 500 mhz. swr and watt meter---up to 500 mghz. freq. counter-- a beam --heliac ,coax and connectors for 360 degree operation on 82-- this would work an well with move we must make in mar. or april

A 200 foot tower for our own county repeater-- calibrated signal generator- R.F. direction finders-- tower rope for climbers-- 2 safety belts for climbers-- LEAGUE TRAINING FILM FROM NOVICE TO EXTRA-- emergency communications unit.-- uhf control equipt. with p.l. and collinear ant's. --portable tower on trailer for field day and emergency use--gell cells for repeaters--modem for 82 computer. total station at the v.a. hospital--money be allocated for subsidising a meeting place.--14 ft.trailer for e.o.c. stationed on the ridge--field day tent-- t.t. mike for the weather radio--generator from the old erie county book mobile-- public educational presentations on our ability for emergency service--video equipment

CAN YOU ADD ANYTHING TO THIS??!! WATCH THE SUNDAY TIMES FOR DATES AND LOCATIONS OF FUTURE MEETINGS. W3NR COLUMN

EMERGENCY AUTO-DIAL 911 PLUSS
THE FOLLOWING NUMBERS WILL GET YOU EMERGENCY HELP WHEN EVER YOU NEED IT!!
TWENTY FOUR HOURS A DAY !!! SEVEN DAYS A WEEK!!!!!!

9111 ERIE POLICE	9115 STATE POLICE EAST
9112 MILLCREEK POLICE	9116 STATE POLICE WEST
9113 ERIE FIRE CONTROL	9117 MILLCREEK FIRE CONTROL
9114 SUMMIT FIRE CONTROL	9118 N.O.A.A.

"PLEASE" DO NOT TEST THESE NUMBERS!! "REMEMBER" THEY ARE FOR EMERGENCYS ONLY!!! TO USE DAY OR NIGHT, SIMPLY KEY UP--I.D. THEN STRIKE THE FOUR DIGITS FOR THE SERVICE YOU WANT. ONLY THESE FOUR DIGITS -- NO * FIRST

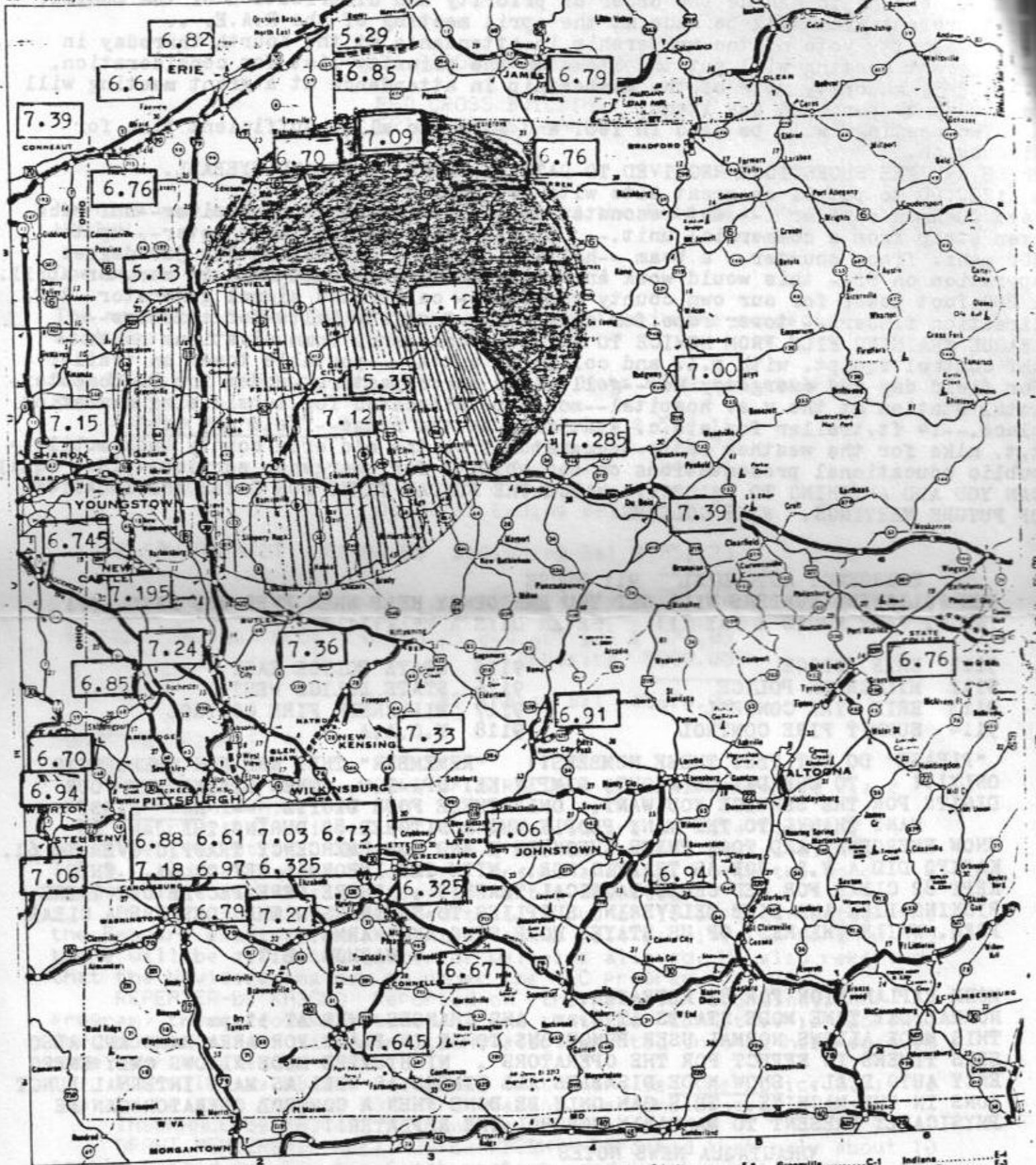
MANY THANKS TO THE MANY PEOPLE WHO MONITORED 82 DURING THE JAN. 20 SNOW EMERGENCY AND TOOK THIER CHECK IN'S AND NON-EMERGENCY TRAFFIC OVER TO 61. KA3KPFQ DID A F.B. JOB AS TRAFFIC MGR. WITH THE INFORMAL NET ON 61. THIS KEPT 82 CLEAR FOR RED CROSS TACTICAL TRAFFIC . THERE WERE PEOPLE OUT THERE RISKING LIFE AND LIMB DELIVERING SUPPLIES TO SHELTERS . THEY DESERVE A CLEAR FREQ. WHILE THE REST OF US STAYED HOME SNUG AND WARM.

WA3HJC E.C.

MODE EXPLANATION FOR 82 REPEATER.
NORMAL DAY TIME MODE STARTS AT 6:am AND CHANGES OVER AT 11:pm
THIS MODE ALLOWS NORMAL USER FUNCTIONS TO BE IN PLACE FOR AREA HAMS AND ALSO SETS TIMERS IN EFFECT FOR THE OPERATORS . NIGHT TIME MODE ALLOWS ONLY EMERGENCY AUTO DIAL. SNOW MODE DISABLES ALL TIMERS AS WELL AS MANY INTERNAL FUNCTIONS IN THE MACHINE. THIS CAN ONLY BE DONE WHEN A CONTROL OPERATOR CAN BE PHYSICALLY PRESENT TO MANUALLY CONTROL THE REPEATER!!

CHAUTAQUA NEWS NOTES

From the desk of Mike Head KA2ODR, we learn thier club dues are only ten dollars a year. If you are a member of the A.R.R.L. they would like your subscription no. for thier league affiliation report. Mike say's the 146.85 repeater will be back on the air soon. DOES RACES INSURANCE COVER MEMBERS ON A DRILL WHEN NOT CALLED FOR BY THE F.C.C.ENGINEER IN YOUR DISTRICT?



PENNSYLVANIA

Population 11,800,766

(1970 Census)

Area 45,322 Sq. Miles

Capital Harrisburg

Cities and Towns

Akron F-4

Allentown E-11

Altoona F-4

Aston F-11

Annville F-8

Avis C-3

Barnesboro E-4

Beaver E-1

Beaver Falls D-1

Bedford G-8

Belleville E-8

Belmont E-8

Berwyn E-11

Blairsville E-4

Bloomsburg D-8

Boaz F-11

Branford F-8

Brookville D-4

Brownsville F-2

Butler D-2

Cambridge B-2

Canton B-8

Carlisle F-7

Catskill F-2

Centerville D-4

Centre Hall D-8

Chambersburg G-11

Clarion F-3

Clarion Summit C-10

Clearfield D-5

Coaldale D-10

Coatesville G-10

Collegeville F-11

Columbia F-8

Connellsville F-3

Corry F-3

Coudersport E-4

Crawfordsville D-3

Dallas C-10

Danville D-8

Darby E-11

Delaware F-8

Dillsburg E-10

Dover F-11

Dunsmuir E-11

Easton E-11

Ebensburg F-8

Elizabethtown D-8

Emporium C-3

Ephrata F-8

Erie A-2

Erie E-2

Fairview A-3

Forest City B-11

Franklin F-12

Gallitz E-4

Gettysburg G-7

Glenshaw E-2

Greensburg E-3

Greenville C-1

Grove City D-8

Hamburg E-10

Hanover E-8

Harmony D-2

Harrisburg B-11

Hazleton D-10

Hershey F-8

Hillsdale E-4

Honesdale E-11

Huntingdon E-4

Indiana F-4

Jennett F-12

Jenkintown C-7

Jersey Shore D-10

Johnstown C-3

Johnstown E-4

Kane F-11

King of Prussia C-10

Kingston D-8

Kittanning E-10

Kutztown F-11

Lafayette Hill F-11

Lancaster F-8

RADIO ASSOC. OF ERIE

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